



# PLUMBING APPRENTICESHIP TRAINING PROGRAM REGISTRATION 2010 - 2011



## Class Schedule and Eligibility Information

### About the Program

This program is professionally managed by ABC-VA and utilizes the NCCER Contren curriculum. This curriculum is nationally recognized, standardized and portable, and incorporates both formal classroom instruction and hands-on training. In addition, instructors are required to complete a formal certification, in order to ensure uniform and consistent delivery of the curriculum. The plumbing program is governed by an Advisory Committee representing the participating contractors.

### Term of Apprenticeship

The term of apprenticeship consists of four years or 8,000 hours (approximately 2,000 hours per year) of on-the-job training, and four years or 600 hours (approximately 150 hours per year) of related classroom instruction.

### Class Schedule

All classes will be held at Lloyd C. Bird High School, located at 10301 Courthouse Road, Chesterfield, Virginia. Classes will begin on Monday, September 13, 2010 and will be held from 7:00 PM to 9:30 PM on Monday and Wednesday evenings. A comprehensive calendar for the 2010-2011 session will be distributed on the first night of class.

### Eligibility

Apprentices must be at least 18 years of age, be employed by a licensed plumbing contractor, and have graduated from high school or earned the G.E.D. equivalent. Apprentices must be physically able to perform the work of the trade and have a satisfactory mode of transportation to work and school.

### Credit for Prior Knowledge/Experience

Any apprentice who has had prior formal classroom instruction may be eligible for credit. **Proof of prior instruction must be presented at registration in order to be considered.**

### Level 1 Skip Test

Any apprentice wishing to test out of Level 1 must contact the ABC-VA office prior to July 9. Tests will be given by appointment only and must be taken prior to July 31. The cost for the Level 1 Skip Test is \$100.

### Registration

All apprentices that wish to enroll for the 2010-2011 session must register by completing the attached registration form and returning it, along with all applicable fees, to the ABC-VA office no later than **August 6. Applicable fees must be paid in full before apprentices will be enrolled in class.**

**Note:** ABC-VA coordinates related instruction classes for all participating employers. Participating employers must register as apprenticeship program sponsors on an individual basis with the Commonwealth of Virginia's Division of Apprenticeship and Training - (804) 786-2382.

### Costs (ABC-VA Members)\*:

**\$760 per person per year**

All fees due at time of enrollment. (Cost includes administrative fees, books and tuition.)

### Costs (Non-Members)\*:

**\$810 per person per year**

All fees due at time of enrollment. (Cost includes administrative fees, books and tuition.)

*\*You may contact the ABC-VA office at (804) 346-4222 to determine your membership status.*

### SPECIAL NOTE FOR LEVEL 4 STUDENTS

All Level 4 Plumbing Apprenticeship students are required to have a copy of the 2006 IPC. The cost of the book may be added to the regular tuition for \$85. Please check appropriate box on the registration form.

### Late Fees & Deadlines

Any registrations received after August 6 are subject to a late fee of \$20 per apprentice. No registrations will be accepted after August 27.

### Refunds

Requests for refunds must be made by September 17.

## Course Description by Level

**LEVEL ONE:** CPR & First Aid. Basic Math. Intro. to Hand & Power Tools. Intro. to Blueprints. Basic Rigging. Basic Plumbing Tools. Math for Plumbers. Intro. to Plumbing. Blueprint Reading. Reading Residential. Plumbing Drawings. Joining Plastic Pipe & Fittings. Soldering & Brazing Copper Tubing & Fittings. Cutting & Threading Carbon Steel Pipe. Joining Cast-Iron Pipe & Fittings. Making Flared & Compression Joints with Copper Tube. Installing Traps & Interceptors. Fitting & Cleanout Requirements for DWV Piping. Installing Natural Gas Piping. Installing LPG Piping Systems. Installing Fuel Oil Piping Systems.

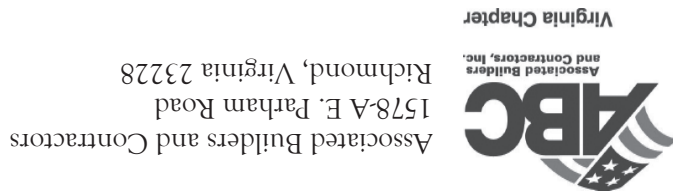
**LEVEL TWO:** Reading Commercial Drawings. Intermediate Math for Plumbers. Installing Pipe in Trenches. Grade for Drain & Waste Piping. Joining Clay & Concrete Pipe. Connecting to the Sewer Main \*Installing Roof, Floor & Area Drains. Installing Pipe Hangers & Supports. Installing DWV Piping Systems. Testing DWV Piping. Connecting to the Water Main. Testing Water Supply Piping. Types of Faucets. Types of Valves. Installing & Servicing Valves & Faucets. Installing Water Heaters. Water Meters. Types of Fixtures. Setting Fixtures.

**LEVEL THREE:** First Aid & CPR. Reading Commercial Plumbing Drawings. Part II. Intro. to Regional & Local Plumbing Codes, Advanced Math for Plumbers. Types of Vents & Venting Installation. Indirect & Special Waste. Sewage Pumps & Sump Pumps. Locating Buried Sewer & Water Lines, Installing Pressure-Reducing Valves. Water Pressure Booster Systems. Installing Shock Arrestors. Backflow Preventors, Installing Recirculation Systems. Filtering & Softening Water. Cleaning & Disinfecting Portable Water Systems. Thawing Frozen Water Pipes. Installing Water Supply Piping. Fixture Rough-In. Plumbing for Solar Heating Systems. Sizing, Piping, & Venting Natural Gas Systems.

**LEVEL FOUR:** Plumbing Theory. On the Job Task. Sizing Storm Drainage Systems. Sizing Vents. Sizing Drainage Systems. Combination Waste and Vent Systems. Servicing Traps and Interceptors. Sizing Water Supply Piping. Servicing Plumbing Fixtures. Installing Swimming Pools and Hot Tubs. Installing Compressed Air Piping Systems. Installing Hydronic Heating Systems. Installing Corrosive Resistant Waste Piping. Installing Medical Gas Systems. Plumbing for Mobile Homes & Mobile Home Parks. Installing Private Waste Disposal Systems. Installing Private Water Supply Systems.

Preparing Individuals for Exciting Careers and Life-Long Learning Opportunities

# Plumbing Apprenticeship Training Program



## PLUMBING APPRENTICESHIP REGISTRATION 2010-2011 SESSION

Name \_\_\_\_\_ BirthDate \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

SSN \_\_\_\_\_ Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Employer \_\_\_\_\_ Employer Contact \_\_\_\_\_

Employer Phone \_\_\_\_\_ Employer Fax \_\_\_\_\_ Employer E-mail \_\_\_\_\_

Employer's Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Plumbing Class Level:     Level One             Level Two             Level Three             Level Four

Please order the 2006 IPC. I have added \$85 to my tuition. (Level 4 Students Only)

*Note: A registration form must be completed for each individual apprentice. Registrations must be received no later than August 6, 2010.*

### PAYMENT OPTIONS

APPLICATIONS ARE PROCESSED ON A FIRST-COME, FIRST-SERVED BASIS, AND WILL NOT BE PROCESSED UNLESS ACCOMPANIED BY PAYMENT. CHECKS SHOULD BE MADE PAYABLE TO ABCVA.

I AM SENDING A CHECK MADE PAYABLE TO ABC-VA TO 1578-A EAST PARHAM ROAD, RICHMOND, VIRGINIA 23228.      Name \_\_\_\_\_

Card Number \_\_\_\_\_

PLEASE CHARGE MY VISA/MASTERCARD/AMERICAN EXPRESS. (3% charge on all credit card payments).      Verification Code \_\_\_\_\_

Expiration Date \_\_\_\_\_ Billing Zip \_\_\_\_\_

**ABC-VA Phone Number: (804) 346-4222**  
**ABC-VA Fax Number: (804) 346-9111**

Signature \_\_\_\_\_